AMENDMENTS TO THE CLAIMS:

Claims 1-40 (Canceled)

41. (Amended) A hair composition, comprising, in an acceptable medium, at least one polymer having a star structure chosen from structures of formula (I):

$$A\text{-}[(M1)_{p1}\text{-}(M2)_{p2}\ldots(Mi)_{pj}]_n \quad (I)$$

in which:

A is chosen from polyfunctional centers having a functionality n;

$[(M1)_{p1}\text{-}(M2)_{p2}\ldots(Mi)_{pj}]$ represents a branch comprising at least one polymerized monomeric unit Mi having a polymerization index pj;

n is an integer greater than or equal to 2;

~~i is greater than or equal to 2;~~

pj is greater than or equal to 2;

~~the~~ there are at least two branches, which may be identical or different; and

said at least two branches are grafted covalently to A;

wherein said at least one polymerized monomeric unit Mi comprised by at least one of said at least two branches is chosen from polymerized monomeric units Mk, which may be identical or different, wherein a homopolymer formed by the corresponding polymerized monomeric units Mk has a Tg of greater than or equal to 10°C; and

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wherein said at least one polymerized monomeric unit Mi contained by at least one of said at least two branches is chosen from polymerized monomeric units Mj, which may be identical or different, wherein a homopolymer formed by the corresponding polymerized monomeric units Mj has a Tg of less than or equal to 10°C.

42. (Original) A composition according to claim 41, wherein said at least one polymerized monomeric unit Mi chosen from polymerized monomeric units Mk is present in an amount ranging from 55 to 95 percent by weight relative to the total weight of the polymerized monomeric units Mi.

43. (Original) A composition according to claim 41, wherein said at least one polymerized monomeric unit Mi chosen from polymerized monomeric units Mj is present in an amount ranging from 5 to 45 percent by weight relative to the total weight of the polymerized monomeric units Mi.

44. (Original) A composition according to claim 44, wherein said at least one agent which is able to form a film.

45. (Original) A composition according to claim 44, wherein said at least one agent is chosen from plasticizing agents and coalescence agents.

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46. (Original) A composition according to claim 41, wherein said at least one polymer is present in an amount ranging from 1 to 95 percent by weight, on a dry basis, with respect to the total weight of said composition.

47. (Original) A composition according to claim 46, wherein the range is from 1 to 50 percent by weight.

48. (Original) A composition according to claim 46, wherein the range is from 1 to 20 percent by weight.

49. (Original) A composition according to claim 41, wherein said at least one polymer is present in said acceptable medium containing at least one phase chosen from aqueous phases, organic phases, and aqueous/organic phases.

50. (Original) A composition according to claim 49, wherein said at least one phase is chosen from alcoholic and aqueous/alcoholic phases.

51. (Original) A composition according to claim 49, wherein said at least one polymer is dissolved or dispersed in said at least one phase.

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52. (Original) A composition according to claim 41, wherein said composition has a form chosen from sprays, lacquers, foams, creams, gels, emulsions, lotions, and waxes.

53. (Canceled)

54. (Amended) A composition according to claim [53] 41, wherein said form is a composition for treating and/or fixing the hair.

55. (Amended) A process for retaining or shaping the hair, comprising applying to said hair a composition, comprising, in an acceptable medium, at least one polymer having a star structure chosen from structures of formula (i):

$$A\text{-}[(M1)_{p1}\text{-}(M2)_{p2}\ldots(Mi)_{pj}]_n \quad (I)$$

in which:

A is chosen from polyfunctional centers having a functionality n;

$[(M1)_{p1}\text{-}(M2)_{p2}\ldots(Mi)_{pj}]$ represents a branch comprising at least one polymerized monomeric unit Mi having a polymerization index pj;

n is an integer greater than or equal to 2;

~~i is greater than or equal to 2;~~

pj is greater than or equal to 2;

~~the~~ there are at least two branches, which may be identical or different; and

said at least two branches are grafted covalently to A;

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wherein said at least one polymerized monomeric unit Mi comprised by at least one of said at least two branches is chosen from polymerized monomeric units Mk, which may be identical or different, wherein a homopolymer formed by the corresponding polymerized monomeric units Mk has a Tg of greater than or equal to 10°C; and

wherein said at least one polymerized monomeric unit Mi contained by at least one of said at least two branches is chosen from polymerized monomeric units Mj, which may be identical or different, wherein a homopolymer formed by the corresponding polymerized monomeric units Mj has a Tg of less than or equal to 10°C.

56. (Original) A process according to claim 55, wherein said at least one polymerized monomeric unit Mi chosen from polymerized monomeric units Mk is present in an amount ranging from 55 to 95 percent by weight relative to the total weight of the polymerized monomeric units Mi.

57. (Original) A process according to claim 55, wherein said at least one polymerized monomeric unit Mi chosen from polymerized monomeric units Mj is present in an amount ranging from 5 to 45 percent by weight relative to the total weight of the polymerized monomeric units Mi.

58. (Original) A process according to claim 55, wherein said hair is human hair.

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59. (Amended) A process for preparing a styling product, comprising introducing, in an acceptable medium, at least one polymer in an amount effective for retaining and/or shaping hair, wherein said at least one polymer having a star structure chosen from structures of formula (I):

$$A\text{-}[(M1)_{p1}\text{-}(M2)_{p2}\ldots(Mi)_{pj}]_n \quad (I)$$

in which:

A is chosen from polyfunctional centers having a functionality n;

$[(M1)_{p1}\text{-}(M2)_{p2}\ldots(Mi)_{pj}]$ represents a branch comprising at least one polymerized monomeric unit Mi having a polymerization index pj;

n is an integer greater than or equal to 2;

~~i is greater than or equal to 2;~~

pj is greater than or equal to 2;

~~the~~ there are at least two branches, which may be identical or different; and

said at least two branches are grafted covalently to A;

wherein said at least one polymerized monomeric unit Mi comprised by at least one of said at least two branches is chosen from polymerized monomeric units Mk, which may be identical or different, wherein a homopolymer formed by the corresponding polymerized monomeric units Mk has a Tg of greater than or equal to 10°C; and

wherein said at least one polymerized monomeric unit Mi contained by at least one of said at least two branches is chosen from polymerized monomeric units Mj,

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which may be identical or different, wherein a homopolymer formed by the corresponding polymerized monomeric units Mj has a Tg of less than or equal to 10°C.

60. (Original) A process according to claim 59, wherein said at least one polymerized monomeric unit Mi chosen from polymerized monomeric units Mk is present in an amount ranging from 55 to 95 percent by weight relative to the total weight of the polymerized monomeric units Mi.

61. (Original) A process according to claim 59, wherein said at least one polymerized monomeric unit Mi chosen from polymerized monomeric units Mj is present in an amount ranging from 5 to 45 percent by weight relative to the total weight of the polymerized monomeric units Mi.

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